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Client Ref.

Applicant: FANG, Fang

014357

Appl. No.: 09/910,483

Filing Date: July 19, 2001

Examiner: Wortman, D.

Group Art Unit: 1648

Date: February, 2003

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Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR	5,223,396	06/1993	Rothlein			05/03/1991
BR	5,324,510	06/1994	Wegner			03/18/1993
CR	5,475,091	12/1995	Springer			01/25/1994
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KR	6,329,511	12/2001	Vasquez			11/29/1999
LR						

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					Encl osed	No	Encl ose	No
MR	WO 88/01649	03/1988	PCT	Ladner	Y			
NR	WO 90/07861	07/1990	PCT	Queen	Y			
OR	WO 91/07418	05/1991	PCT	Better	Y			
PR	WO 91/07493	05/1991	PCT	Better	Y			
QR	WO 91/07494	05/1991	PCT	Better	Y			
RR	WO 91/16927	11/1991	PCT	Adair	Y			
SR	WO 91/16928	11/1991	PCT	Adair	Y			
TR	WO 92/11018	07/1992	PCT	Queen	Y			
UR	WO 92/22653	12/1992	PCT	Carter	Y			
VR	WO 93/06213	04/1993	PCT	Hoogenboom	Y			
WR	WO 93/11794	06/1993	PCT	Studnicka	Y			
XR	WO 93/23434	11/1993	PCT	Theofan	Y			
YR	WO 94/04679	03/1994	PCT	Carter	Y			
ZR	WO 95/27736	10/1995	PCT	Wegner	Y			
AAR	WO 9634015	10/1996	PCT	Faanes	Y			
BBR	EP 0169146 A2	01/1986	EP	Colonno	Y			
CCR	EP 0239400 A2	09/1987	EP	Winter	Y			

Handwritten signature and date: 4/28/03

<i>10</i>	DDR	EP 0239400 B1	09/1987	EP	Winter		Y			
<i>10</i>	EP	EP 0387701 A1	09/1990	EP	Wegner		Y			
<i>10</i>	FFR	EP 0387701 B1	09/1990	EP	Wegner		Y			
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<i>10</i>	HHR	EP 0451216 B1	10/1991	EP	Queen		Y			
<i>10</i>	EP	EP 0459577 A2	12/1991	EP	Colonio		Y			
<i>10</i>	JJR	EP 0528931 B1	03/1993	EP	Adair		Y			
<i>10</i>	KKR	EP 0605522 B1	07/1994	EP	Hoogenboom		Y			
<i>10</i>	LLR	EP 0682040 A1	11/1995	EP	Queen		Y			
<i>10</i>	MMR	EP 0682040 B1	11/1995	EP	Queen		Y			
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	QQR									

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	RRR						Y			
	SSR						Y			
	TTR						Y			
	UUR						Y			
	VVR						Y			
	WWR						Y			
	XXR						Y			

Examiner

Date Considered: *4/28/03*

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office



To:

Atty.
Dkt. No.

M#

Client R f.

0278772

014357

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: FANG, Fang

Appn. No.: 09/910,483

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Date: Oct ber 10, 2003

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Group Art Unit: 1648

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AR						
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FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Encl osed	No	Encl ose	No
<i>de</i>	FR	WO 91/16927	11/1991	PCT	Adair	Y			
	GR								
	HR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

<i>de</i>	IR	Foote, et al., "Antibody Framework Residues Affecting the Conformation of the Hypervariable Loops," <i>J. mol. Biol.</i> (1992) Vol. 224, pp. 487-490.	Y		
<i>ell</i>	JR	PCT International Search Report, dated September 8, 2003 for PCT/US 02/23002	Y		

Examiner *Chauhan*

Date Considered: 5/20/04

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		0278772	014357

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: November 5, 2003

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Applicant: FANG, Fang

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Filing Date: July 19, 2001

Examiner: Wortman, D. Group Art Unit: 1648

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					Enclosed	No	Enclose	No
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	GR							
	HR							

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elc	IR	Ohtomo, et al., "Humanization of Mouse ONS-M21 Antibody With The Aid of Hybrid Variable Regions," (1995) <i>Molecular Immunology</i> , Vol. 1, No. 6, pp. 407-416.			
	JR	Mateo, et al., "Humanization of a mouse monoclonal antibody that blocks the epidermal growth factor receptor: recovery of antagonistic activity.," (1997), <i>Immunotechnology</i> , Vol. 3, pp. 71-81.	Yes		
	KR	Nagahira, et al., "Humanization of a mouse neutralizing monoclonal antibody against tumor necrosis factor- α (TNF- α)," (1999), <i>Journal of Immunological Methods</i> , Vol. 222, pp. 83-92.	Yes		
	LR	Saldanha, et al., "A single blackmutation in the human kV framework of a previously unsuccessfully humanized antibody restores the binding activity and increases the secretion in cos cells," (1999). <i>Molecular Immunology</i> , Vol. 36, pp. 709-719.	Yes		
	MR	Tempest, et al., "Identification of framework residues required to restore antigen binding during reshaping of a monoclonal antibody against the glycoprotein gB of human cytomegalovirus," (1995), <i>Int. J. Biol. Macromol.</i> , Vol. 17, No. 1, pp. 37-42.	Yes		
	NR	Carter, et al., "Humanization of an anti-p185(HER2) antibody for human cancer therapy," (1992), <i>Proc. Natl. Acad. Sci.</i> , Vol. 89, pp. 4285-4289.	Yes		
	OR	Presta, et al., "Humanization of an Antibody Directed Against IgE," (1993), <i>Journal of Immunology</i> , Vol. 151, No. 5, pp. 2623-2632.	Yes		

Examiner Emily L. Date Considered: 5/20/04

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